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DEPARTMENT OF THE INTERIOR

UNITED STATES GEOLOGICAL SURVEY

GEORGE OTIS SMITH, DIRECTOR

TABLES

FOR CONVERTING

DISCHARGE IN SECOND-FEET PER SQUARE MILE INTO RUN-OFF IN DEPTH IN INCHES

AND

DISCHARGE IN SECOND-FEET INTO RUN-OFF IN ACRE-FEET

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EXPLANATION OF TABLES.

The discharge of a stream is expressed in various units, among which the second-foot is the most common. This term is an abbreviation for cubic feet per second and is the measure of a quantity of water flowing in a stream 1 foot wide and 1 foot deep at a velocity of 1 foot per second. As the second-foot is a unit of rate of flow and is in itself indefinite as regards duration, it is generally used in connection with some unit of time, as a day, week, month, or year; thus applied, the term means that for each second during the selected period the flow averages so many cubic feet.

The second-foot is commonly considered the fundamental unit of discharge, from which other terms of discharge and run-off may be computed. The units in most general use are *run-off in depth in inches*, *run-off in acre-feet*, and *run-off in millions of gallons*. The conversion to other units is a simple arithmetical process usually made by means of specially prepared tables.

Run-off in depth in inches.—Run-off in depth in inches is the depth to which a plane surface equal in extent to the drainage area would be covered if all the water flowing from it in a given period were conserved and uniformly distributed thereon. It is used for comparing run-off with rainfall, which is, as a rule, expressed in depth in inches.

Run-off in acre-feet.—An acre-foot is equivalent to 43,560 cubic feet and is the quantity required to cover an acre to the depth of 1 foot. It is commonly used in connection with storage. Convenient relations exist between the second-foot, the gallon, and the acre-foot. One second-foot flowing for twenty-four hours will deliver 86,400 cubic feet, or approximately 2 acre-feet; 1 acre-foot equals 325,851 gallons; a million gallons is somewhat more than 3 acre-feet.

It should be noticed that "acre-feet" and "depth in inches" represent actual quantities of water, while "second-feet" is merely a rate of flow.

In finding the run-off of a stream in depth in inches, the mean discharge in second-feet per square mile for a given period, usually one month, is taken as the basis. As the months differ in length four factors are necessary in making this conversion. Each of these factors is determined by dividing the quantity of water in cubic feet yielded in twenty-four hours from the flow of 1 second-foot (86,400) by the number of square feet in a square mile (27,878,400) and multiplying the quotient by the

number of days in a month. The product when multiplied by 12 is the depth of the run-off in inches in the month. These factors are:

	Inches.
1 day	0.03719
28 days	1.04132
29 days	1.07851
30 days	1.11570
31 days	1.15289

Upon this basis the following tables for converting discharge in second-feet per square mile into run-off in depth in inches for months of 28, 29, 30, and 31 days have been computed.

In finding the run-off of a stream in acre-feet, the mean discharge in second-feet for the given period, generally one month, is used. As the months differ in length it is necessary to have four factors to make the conversion. Each of these factors is determined by dividing the quantity of water in cubic feet yielded in twenty-four hours from a flow of 1 second-foot (86,400) by the number of square feet in an acre (43,560) and multiplying the quotient by the number of days in a month. These factors are:

	Acre-feet.
1 day	1.983471
28 days	55.537188
29 days	57.520659
30 days	59.504130
31 days	61.487601

Upon this basis the following tables for converting mean monthly discharge in second-feet into run-off in acre-feet for months of 28, 29, 30, and 31 days have been computed.

Table for converting discharge in second-feet per square mile into run-off in depth in inches over the area.

Second-feet per square mile.	Period in days.				
	1	28	29	30	31
	Inch.	*Inches.*	*Inches*	*Inches.*	*Inches.*
1	0.03719	1.041	1.079	1.116	1.153
2	.07438	2.083	2.157	2.231	2.306
3	.11157	3.124	3.236	3.347	3.459
4	.14876	4.165	4.314	4.463	4.612
5	.18595	5.207	5.393	5.578	5.764
6	.22314	6.248	6.471	6.694	6.917
7	.26033	7.289	7.550	7.810	8.070
8	.29752	8.331	8.628	8.926	9.223
9	.33471	9.372	9.707	10.041	10.376

NOTE.—For partial month multiply the values for one day by the number of days.

Table for converting discharge in second-feet into run-off in acre-feet.

Second-feet.	Period in days.				
	1	28	29	30	31
	Acre-ft.	*Acre-ft.*	*Acre-ft.*	*Acre-ft.*	*Acre-ft.*
1	1.983	55.54	57.52	59.50	61.49
2	3.967	111.1	115.0	119.0	123.0
3	5.950	166.6	172.6	178.5	184.5
4	7.934	222.1	230.1	238.0	246.0
5	9.917	277.7	287.6	297.5	307.4
6	11.90	333.2	345.1	357.0	368.9
7	13.88	388.8	402.6	416.5	430.4
8	15.87	444.3	460.2	476.0	491.9
9	17.85	499.8	517.7	535.5	553.4

NOTE.—For partial month multiply values for one day by the number of days.

Table for converting discharge in second-feet per day into run-off in millions of gallons.

[1 second-foot, or 7.4805 gallons per second for 1 day, or 86,400 seconds=646,320 gallons.]

Tens.	Units.									
	0	1	2	3	4	5	6	7	8	9
0	------	0.65	1.29	1.94	2.59	3.23	3.88	4.52	5.17	5.82
1	6.46	7.11	7.76	8.40	9.05	9.69	10.34	10.99	11.63	12.28
2	12.93	13.57	14.22	14.87	15.51	16.16	16.80	17.45	18.10	18.74
3	19.39	20.04	20.68	21.33	21.97	22.62	23.27	23.91	24.56	25.21
4	25.85	26.50	27.15	27.79	28.44	29.08	29.73	30.38	31.02	31.67
5	32.32	32.96	33.61	34.25	34.90	35.55	36.19	36.84	37.49	38.13
6	38.78	39.43	40.07	40.72	41.36	42.01	42.66	43.30	43.95	44.60
7	45.24	45.89	46.54	47.18	47.83	48.47	49.12	49.77	50.41	51.06
8	51.71	52.35	53.00	53.64	54.29	54.94	55.58	56.23	56.88	57.52
9	58.17	58.82	59.46	60.11	60.75	61.40	62.05	62.69	63.34	63.99

Table for converting discharge in second-feet per square mile into run-off in depth in inches per month of twenty-eight days.

No.	0	1	2	3	4	5	6	7	8	9	No.
0.0	0.000	0.010	0.021	0.031	0.042	0.052	0.062	0.073	0.083	0.094	**0.0**
0.1	0.104	0.115	0.125	0.135	0.146	0.156	0.167	0.177	0.187	0.198	0.1
0.2	0.208	0.219	0.229	0.240	0.250	0.260	0.271	0.281	0.292	0.302	0.2
0.3	0.312	0.323	0.333	0.344	0.354	0.364	0.375	0.385	0.396	0.406	0.3
0.4	0.417	0.427	0.437	0.448	0.458	0.469	0.479	0.489	0.500	0.510	0.4
0.5	0.521	0.531	0.541	0.552	0.562	0.573	0.583	0.594	0.604	0.614	0.5
0.6	0.625	0.635	0.646	0.656	0.666	0.677	0.687	0.698	0.708	0.719	0.6
0.7	0.729	0.739	0.750	0.760	0.771	0.781	0.791	0.802	0.812	0.823	0.7
0.8	0.833	0.843	0.854	0.864	0.875	0.885	0.896	0.906	0.916	0.927	0.8
0.9	0.937	0.948	0.958	0.968	0.979	0.989	1.000	1.010	1.020	1.031	0.9
1.0	1.041	1.052	1.062	1.073	1.083	1.093	1.104	1.114	1.125	1.135	**1.0**
1.1	1.145	1.156	1.166	1.177	1.187	1.198	1.208	1.218	1.229	1.239	1.1
1.2	1.250	1.260	1.270	1.281	1.291	1.302	1.312	1.322	1.333	1.343	1.2
1.3	1.354	1.364	1.375	1.385	1.395	1.406	1.416	1.427	1.437	1.447	1.3
1.4	1.458	1.468	1.479	1.489	1.500	1.510	1.520	1.531	1.541	1.552	1.4
1.5	1.562	1.572	1.583	1.593	1.604	1.614	1.624	1.635	1.645	1.656	1.5
1.6	1.666	1.677	1.687	1.697	1.708	1.718	1.729	1.739	1.749	1.760	1.6
1.7	1.770	1.781	1.791	1.801	1.812	1.822	1.833	1.843	1.854	1.864	1.7
1.8	1.874	1.885	1.895	1.906	1.916	1.926	1.937	1.947	1.958	1.968	1.8
1.9	1.979	1.989	1.999	2.010	2.020	2.031	2.041	2.051	2.062	2.072	1.9
2.0	2.083	2.093	2.103	2.114	2.124	2.135	2.145	2.156	2.166	2.176	**2.0**
2.1	2.187	2.197	2.208	2.218	2.228	2.239	2.249	2.260	2.270	2.280	2.1
2.2	2.291	2.301	2.312	2.322	2.333	2.343	2.353	2.364	2.374	2.385	2.2
2.3	2.395	2.405	2.416	2.426	2.437	2.447	2.458	2.468	2.478	2.489	2.3
2.4	2.499	2.510	2.520	2.530	2.541	2.551	2.562	2.572	2.582	2.593	2.4
2.5	2.603	2.614	2.624	2.635	2.645	2.655	2.666	2.676	2.687	2.697	2.5
2.6	2.707	2.718	2.728	2.739	2.749	2.759	2.770	2.780	2.791	2.801	2.6
2.7	2.812	2.822	2.832	2.843	2.853	2.864	2.874	2.884	2.895	2.905	2.7
2.8	2.916	2.926	2.937	2.947	2.957	2.968	2.978	2.989	2.999	3.009	2.8
2.9	3.020	3.030	3.041	3.051	3.061	3.072	3.082	3.093	3.103	3.114	2.9
3.0	3.124	3.134	3.145	3.155	3.166	3.176	3.186	3.197	3.207	3.218	**3.0**
3.1	3.228	3.239	3.249	3.259	3.270	3.280	3.291	3.301	3.311	3.322	3.1
3.2	3.332	3.343	3.353	3.363	3.374	3.384	3.395	3.405	3.416	3.426	3.2
3.3	3.436	3.447	3.457	3.468	3.478	3.488	3.499	3.509	3.520	3.530	3.3
3.4	3.540	3.551	3.561	3.572	3.582	3.593	3.603	3.613	3.624	3.634	3.4
3.5	3.645	3.655	3.665	3.676	3.686	3.697	3.707	3.718	3.728	3.738	3.5
3.6	3.749	3.759	3.770	3.780	3.790	3.801	3.811	3.822	3.832	3.842	3.6
3.7	3.853	3.863	3.874	3.884	3.895	3.905	3.915	3.926	3.936	3.947	3.7
3.8	3.957	3.967	3.978	3.988	3.999	4.009	4.019	4.030	4.040	4.051	3.8
3.9	4.061	4.072	4.082	4.092	4.103	4.113	4.124	4.134	4.144	4.155	3.9
4.0	4.165	4.176	4.186	4.197	4.207	4.217	4.228	4.238	4.249	4.259	**4.0**
4.1	4.269	4.280	4.290	4.301	4.311	4.321	4.332	4.342	4.353	4.363	4.1
4.2	4.374	4.384	4.394	4.405	4.415	4.426	4.436	4.446	4.457	4.467	4.2
4.3	4.478	4.488	4.499	4.509	4.519	4.530	4.540	4.551	4.561	4.571	4.3
4.4	4.582	4.592	4.603	4.613	4.623	4.634	4.644	4.655	4.665	4.676	4.4
4.5	4.686	4.696	4.707	4.717	4.728	4.738	4.748	4.759	4.769	4.780	4.5
4.6	4.790	4.800	4.811	4.821	4.832	4.842	4.853	4.863	4.873	4.884	4.6
4.7	4.894	4.905	4.915	4.925	4.936	4.946	4.957	4.967	4.978	4.988	4.7
4.8	4.998	5.009	5.019	5.030	5.040	5.050	5.061	5.071	5.082	5.092	4.8
4.9	5.102	5.113	5.123	5.134	5.144	5.155	5.165	5.175	5.186	5.196	4.9

Table for converting discharge in second-feet per square mile into run-off in depth in inches per month of twenty-eight days.

No.	0	1	2	3	4	5	6	7	8	9	No.
5.0	5.207	5.217	5.227	5.238	5.248	5.259	5.269	5.279	5.290	5.300	**5.0**
5.1	5.311	5.321	5.332	5.342	5.352	5.363	5.373	5.384	5.394	5.404	5.1
5.2	5.415	5.425	5.436	5.446	5.457	5.467	5.477	5.488	5.498	5.509	5.2
5.3	5.519	5.529	5.540	5.550	5.561	5.571	5.581	5.592	5.602	5.613	5.3
5.4	5.623	5.634	5.644	5.654	5.665	5.675	5.686	5.696	5.706	5.717	5.4
5.5	5.727	5.738	5.748	5.758	5.769	5.779	5.790	5.800	5.811	5.821	5.5
5.6	5.831	5.842	5.852	5.863	5.873	5.883	5.894	5.904	5.915	5.925	5.6
5.7	5.936	5.946	5.956	5.967	5.977	5.988	5.998	6.008	6.019	6.029	5.7
5.8	6.040	6.050	6.060	6.071	6.081	6.092	6.102	6.113	6.123	6.133	5.8
5.9	6.144	6.154	6.165	6.175	6.185	6.196	6.206	6.217	6.227	6.238	5.9
6.0	6.248	6.258	6.269	6.279	6.290	6.300	6.310	6.321	6.331	6.342	**6.0**
6.1	6.352	6.362	6.373	6.383	6.394	6.404	6.415	6.425	6.435	6.446	6.1
6.2	6.456	6.467	6.477	6.487	6.498	6.508	6.519	6.529	6.539	6.550	6.2
6.3	6.560	6.571	6.581	6.592	6.602	6.612	6.623	6.633	6.644	6.654	6.3
6.4	6.664	6.675	6.685	6.696	6.706	6.717	6.727	6.737	6.748	6.758	6.4
6.5	6.769	6.779	6.789	6.800	6.810	6.821	6.831	6.841	6.852	6.862	6.5
6.6	6.873	6.883	6.894	6.904	6.914	6.925	6.935	6.946	6.956	6.966	6.6
6.7	6.977	6.987	6.998	7.008	7.018	7.029	7.039	7.050	7.060	7.071	6.7
6.8	7.081	7.091	7.102	7.112	7.123	7.133	7.143	7.154	7.164	7.175	6.8
6.9	7.185	7.196	7.206	7.216	7.227	7.237	7.248	7.258	7.268	7.279	6.9
7.0	7.289	7.300	7.310	7.320	7.331	7.341	7.352	7.362	7.373	7.383	**7.0**
7.1	7.393	7.404	7.414	7.425	7.435	7.445	7.456	7.466	7.477	7.487	7.1
7.2	7.498	7.508	7.518	7.529	7.539	7.550	7.560	7.570	7.581	7.591	7.2
7.3	7.602	7.612	7.622	7.633	7.643	7.654	7.664	7.675	7.685	7.695	7.3
7.4	7.706	7.716	7.727	7.737	7.747	7.758	7.768	7.779	7.789	7.799	7.4
7.5	7.810	7.820	7.831	7.841	7.852	7.862	7.872	7.883	7.893	7.904	7.5
7.6	7.914	7.924	7.935	7.945	7.956	7.966	7.977	7.987	7.997	8.008	7.6
7.7	8.018	8.029	8.039	8.049	8.060	8.070	8.081	8.091	8.101	8.112	7.7
7.8	8.122	8.133	8.143	8.154	8.164	8.174	8.185	8.195	8.206	8.216	7.8
7.9	8.226	8.237	8.247	8.258	8.268	8.278	8.289	8.299	8.310	8.320	7.9
8.0	8.331	8.341	8.351	8.362	8.372	8.383	8.393	8.403	8.414	8.424	**8.0**
8.1	8.435	8.445	8.456	8.466	8.476	8.487	8.497	8.508	8.518	8.528	8.1
8.2	8.539	8.549	8.560	8.570	8.580	8.591	8.601	8.612	8.622	8.633	8.2
8.3	8.643	8.653	8.664	8.674	8.685	8.695	8.705	8.716	8.726	8.737	8.3
8.4	8.747	8.758	8.768	8.778	8.789	8.799	8.810	8.820	8.830	8.841	8.4
8.5	8.851	8.862	8.872	8.882	8.893	8.903	8.914	8.924	8.935	8.945	8.5
8.6	8.955	8.966	8.976	8.987	8.997	9.007	9.018	9.028	9.039	9.049	8.6
8.7	9.059	9.070	9.080	9.091	9.101	9.112	9.122	9.132	9.143	9.153	8.7
8.8	9.164	9.174	9.184	9.195	9.205	9.216	9.226	9.237	9.247	9.257	8.8
8.9	9.268	9.278	9.289	9.299	9.309	9.320	9.330	9.341	9.351	9.361	8.9
9.0	9.372	9.382	9.393	9.403	9.414	9.424	9.434	9.445	9.455	9.466	**9.0**
9.1	9.476	9.486	9.497	9.507	9.518	9.528	9.538	9.549	9.559	9.570	9.1
9.2	9.580	9.591	9.601	9.611	9.622	9.632	9.643	9.653	9.663	9.674	9.2
9.3	9.684	9.695	9.705	9.716	9.726	9.736	9.747	9.757	9.768	9.778	9.3
9.4	9.788	9.799	9.809	9.820	9.830	9.840	9.851	9.861	9.872	9.882	9.4
9.5	9.893	9.903	9.913	9.924	9.934	9.945	9.955	9.965	9.976	9.986	9.5
9.6	9.997	10.007	10.017	10.028	10.038	10.049	10.059	10.070	10.080	10.090	9.6
9.7	10.101	10.111	10.122	10.132	10.142	10.153	10.163	10.174	10.184	10.195	9.7
9.8	10.205	10.215	10.226	10.236	10.247	10.257	10.267	10.278	10.288	10.299	9.8
9.9	10.309	10.319	10.330	10.340	10.351	10.361	10.372	10.382	10.392	10.403	9.9

Table for converting discharge in second-feet per square mile into run-off in depth in inches per month of twenty-nine days.

No.	0	1	2	3	4	5	6	7	8	9	No.
0.0	0.000	0.011	0.022	0.032	0.043	0.054	0.065	0.075	0.086	0.097	**0.0**
0.1	0.108	0.119	0.129	0.140	0.151	0.162	0.173	0.183	0.194	0.205	0.1
0.2	0.216	0.226	0.237	0.248	0.259	0.270	0.280	0.291	0.302	0.313	0.2
0.3	0.324	0.334	0.345	0.356	0.367	0.377	0.388	0.399	0.410	0.421	0.3
0.4	0.431	0.442	0.453	0.464	0.475	0.485	0.496	0.507	0.518	0.528	0.4
0.5	0.539	0.550	0.561	0.572	0.582	0.593	0.604	0.615	0.626	0.636	0.5
0.6	0.647	0.658	0.669	0.679	0.690	0.701	0.712	0.723	0.733	0.744	0.6
0.7	0.755	0.766	0.777	0.787	0.798	0.809	0.820	0.830	0.841	0.852	0.7
0.8	0.863	0.874	0.884	0.895	0.906	0.917	0.928	0.938	0.949	0.960	0.8
0.9	0.971	0.981	0.992	1.003	1.014	1.025	1.035	1.046	1.057	1.068	0.9
1.0	1.079	1.089	1.100	1.111	1.122	1.132	1.143	1.154	1.165	1.176	**1.0**
1.1	1.186	1.197	1.208	1.219	1.230	1.240	1.251	1.262	1.273	1.283	1.1
1.2	1.294	1.305	1.316	1.327	1.337	1.348	1.359	1.370	1.380	1.391	1.2
1.3	1.402	1.413	1.424	1.434	1.445	1.456	1.467	1.478	1.488	1.499	1.3
1.4	1.510	1.521	1.531	1.542	1.553	1.564	1.575	1.585	1.596	1.607	1.4
1.5	1.618	1.629	1.639	1.650	1.661	1.672	1.682	1.693	1.704	1.715	1.5
1.6	1.726	1.736	1.747	1.758	1.769	1.780	1.790	1.801	1.812	1.823	1.6
1.7	1.833	1.844	1.855	1.866	1.877	1.887	1.898	1.909	1.920	1.931	1.7
1.8	1.941	1.952	1.963	1.974	1.984	1.995	2.006	2.017	2.028	2.038	1.8
1.9	2.049	2.060	2.071	2.082	2.092	2.103	2.114	2.125	2.135	2.146	1.9
2.0	2.157	2.168	2.179	2.189	2.200	2.211	2.222	2.233	2.243	2.254	**2.0**
2.1	2.265	2.276	2.286	2.297	2.308	2.319	2.330	2.340	2.351	2.362	2.1
2.2	2.373	2.384	2.394	2.405	2.416	2.427	2.437	2.448	2.459	2.470	2.2
2.3	2.481	2.491	2.502	2.513	2.524	2.534	2.545	2.556	2.567	2.578	2.3
2.4	2.588	2.599	2.610	2.621	2.632	2.642	2.653	2.664	2.675	2.685	2.4
2.5	2.696	2.707	2.718	2.729	2.739	2.750	2.761	2.772	2.783	2.793	2.5
2.6	2.804	2.815	2.826	2.836	2.847	2.858	2.869	2.880	2.890	2.901	2.6
2.7	2.912	2.923	2.934	2.944	2.955	2.966	2.977	2.987	2.998	3.009	2.7
2.8	3.020	3.031	3.041	3.052	3.063	3.074	3.085	3.095	3.106	3.117	2.8
2.9	3.128	3.138	3.149	3.160	3.171	3.182	3.192	3.203	3.214	3.225	2.9
3.0	3.236	3.246	3.257	3.268	3.279	3.289	3.300	3.311	3.322	3.333	**3.0**
3.1	3.343	3.354	3.365	3.376	3.387	3.397	3.408	3.419	3.430	3.440	3.1
3.2	3.451	3.462	3.473	3.484	3.494	3.505	3.516	3.527	3.538	3.548	3.2
3.3	3.559	3.570	3.581	3.591	3.602	3.613	3.624	3.635	3.645	3.656	3.3
3.4	3.667	3.678	3.689	3.699	3.710	3.721	3.732	3.742	3.753	3.764	3.4
3.5	3.775	3.786	3.796	3.807	3.818	3.829	3.839	3.850	3.861	3.872	3.5
3.6	3.883	3.893	3.904	3.915	3.926	3.937	3.947	3.958	3.969	3.980	3.6
3.7	3.990	4.001	4.012	4.023	4.034	4.044	4.055	4.066	4.077	4.088	3.7
3.8	4.098	4.109	4.120	4.131	4.141	4.152	4.163	4.174	4.185	4.195	3.8
3.9	4.206	4.217	4.228	4.239	4.249	4.260	4.271	4.282	4.292	4.303	3.9
4.0	4.314	4.325	4.336	4.346	4.357	4.368	4.379	4.390	4.400	4.411	**4.0**
4.1	4.422	4.433	4.443	4.454	4.465	4.476	4.487	4.497	4.508	4.519	4.1
4.2	4.530	4.541	4.551	4.562	4.573	4.584	4.594	4.605	4.616	4.627	4.2
4.3	4.638	4.648	4.659	4.670	4.681	4.692	4.702	4.713	4.724	4.735	4.3
4.4	4.745	4.756	4.767	4.778	4.789	4.799	4.810	4.821	4.832	4.843	4.4
4.5	4.853	4.864	4.875	4.886	4.896	4.907	4.918	4.929	4.940	4.950	4.5
4.6	4.961	4.972	4.983	4.994	5.004	5.015	5.026	5.037	5.047	5.058	4.6
4.7	5.069	5.080	5.091	5.101	5.112	5.123	5.134	5.144	5.155	5.166	4.7
4.8	5.177	5.188	5.198	5.209	5.220	5.231	5.242	5.252	5.263	5.274	4.8
4.9	5.285	5.295	5.306	5.317	5.328	5.339	5.349	5.360	5.371	5.382	4.9

Table for converting discharge in second-feet per square mile into run-off in depth in inches per month of twenty-nine days.

No.	0	1	2	3	4	5	6	7	8	9	No.
5.0	5.393	5.403	5.414	5.425	5.436	5.446	5.457	5.468	5.479	5.490	**5.0**
5.1	5.500	5.511	5.522	5.533	5.544	5.554	5.565	5.576	5.587	5.597	5.1
5.2	5.608	5.619	5.630	5.641	5.651	5.662	5.673	5.684	5.695	5.705	5.2
5.3	5.716	5.727	5.738	5.748	5.759	5.770	5.781	5.792	5.802	5.813	5.3
5.4	5.824	5.835	5.846	5.856	5.867	5.878	5.889	5.899	5.910	5.921	5.4
5.5	5.932	5.943	5.953	5.964	5.975	5.986	5.997	6.007	6.018	6.029	5.5
5.6	6.040	6.050	6.061	6.072	6.083	6.094	6.104	6.115	6.126	6.137	5.6
5.7	6.148	6.158	6.169	6.180	6.191	6.201	6.212	6.223	6.234	6.245	5.7
5.8	6.255	6.266	6.277	6.288	6.298	6.309	6 320	6.331	6.342	6.352	5.8
5.9	6.363	6.374	6.385	6.396	6.406	6.417	6.428	6.439	6.449	6.460	5.9
6.0	6.471	6.482	6.493	6.503	6.514	6.525	6.536	6.547	6.557	6.568	**6.0**
6.1	6.579	6.590	6.600	6.611	6.622	6.633	6.644	6.654	6.665	6.676	6.1
6.2	6.687	6.698	6.708	6.719	6.730	6.741	6.751	6.762	6.773	6.784	6.2
6.3	6.795	6.805	6.816	6.827	6.838	6.849	6.859	6.870	6.881	6.892	6.3
6.4	6.902	6.913	6.924	6.935	6.946	6.956	6.967	6.978	6.989	7.000	6.4
6.5	7.010	7.021	7.032	7.043	7.053	7.064	7.075	7.086	7.097	7.107	6.5
6.6	7.118	7.129	7.140	7.151	7.161	7.172	7.183	7.194	7.204	7.215	6.6
6.7	7.226	7.237	7.248	7.258	7.269	7.280	7.291	7.302	7.312	7.323	6.7
6.8	7.334	7.345	7.355	7.366	7.377	7.388	7.399	7.409	7.420	7.431	6.8
6.9	7.442	7.453	7.463	7.474	7.485	7.496	7.506	7.517	7.528	7.539	6.9
7.0	7.550	7.560	7.571	7.582	7.593	7.603	7.614	7.625	7.636	7.647	**7.0**
7.1	7.657	7.668	7.679	7.690	7.701	7.711	7.722	7.733	7.744	7.754	7.1
7.2	7.765	7.776	7.787	7.798	7.808	7.819	7.830	7.841	7.852	7.862	7.2
7.3	7.873	7.884	7.895	7.905	7.916	7.927	7.938	7.949	7.959	7.970	7.3
7.4	7.981	7.992	8.003	8.013	8.024	8.035	8.046	8.056	8.067	8.078	7.4
7.5	8.089	8.100	8.110	8.121	8.132	8.143	8.154	8.164	8.175	8.186	7.5
7.6	8.197	8.207	8.218	8.229	8.240	8.251	8.261	8.272	8.283	8.294	7.6
7.7	8.305	8.315	8.326	8.337	8.348	8.358	8.369	8.380	8.391	8.402	7.7
7.8	8.412	8.423	8.434	8.445	8.456	8.466	8.477	8.488	8.499	8.509	7.8
7.9	8.520	8.531	8.542	8.553	8.563	8.574	8.585	8.596	8.607	8.617	7.9
8.0	8.628	8.639	8.650	8.660	8.671	8.682	8.693	8.704	8.714	8.725	**8.0**
8.1	8.736	8.747	8.758	8.768	8.779	8.790	8.801	8.811	8.822	8.833	8.1
8.2	8.844	8.855	8.865	8.876	8.887	8.898	8.908	8.919	8.930	8.941	8.2
8.3	8.952	8.962	8.973	8.984	8.995	9.006	9.016	9.027	9.038	9.049	8.3
8.4	9.059	9.070	9.081	9.092	9.103	9.113	9.124	9.135	9.146	9.157	8.4
8.5	9.167	9.178	9.189	9.200	9.210	9.221	9.232	9.243	9.254	9.264	8.5
8.6	9.275	9.286	9.297	9.308	9.318	9.329	9.340	9.351	9.361	9.372	8.6
8.7	9.383	9.394	9.405	9.415	9.426	9.437	9.448	9.459	9.469	9.480	8.7
8.8	9.491	9.502	9.512	9.523	9.534	9.545	9.556	9.566	9.577	9.588	8.8
8.9	9.599	9.610	9.620	9.631	9.642	9.653	9.663	9.674	9.685	9.696	8.9
9.0	9.707	9.717	9.728	9.739	9.750	9.761	9.771	9.782	9.793	9.804	**9.0**
9.1	9.814	9.825	9.836	9.847	9.858	9.868	9.879	9.890	9.901	9.912	9.1
9.2	9.922	9.933	9.944	9.955	9.965	9.976	9.987	9.998	10.009	10.019	9.2
9.3	10.030	10.041	10.052	10.062	10.073	10.084	10.095	10.106	10.116	10.127	9.3
9.4	10.138	10.149	10.160	10.170	10.181	10.192	10.203	10.213	10.224	10.235	9.4
9.5	10.246	10.257	10.267	10.278	10.289	10.300	10.311	10.321	10.332	10.343	9.5
9.6	10.354	10.364	10.375	10.386	10.397	10.408	10.418	10.429	10.440	10.451	9.6
9.7	10.462	10.472	10.483	10.494	10.505	10.515	10.526	10.537	10.548	10.559	9.7
9.8	10.569	10.580	10.591	10.602	10.613	10.623	10.634	10.645	10.656	10.666	9.8
9.9	10.677	10.688	10.699	10.710	10.720	10.731	10.742	10.753	10.764	10.774	9.9

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Table for converting discharge in second-feet per square mile into run-off in depth in inches per month of thirty days.

No.	0	1	2	3	4	5	6	7	8	9	No.
0.0	0.000	0.011	0.022	0.033	0.045	0.056	0.067	0.078	0.089	0.100	**0.0**
0.1	0.112	0.123	0.134	0.145	0.156	0.167	0.179	0.190	0.201	0.212	0.1
0.2	0.223	0.234	0.245	0.257	0.268	0.279	0.290	0.301	0.312	0.324	0.2
0.3	0.335	0.346	0.357	0.368	0.379	0.390	0.402	0.413	0.424	0.435	0.3
0.4	0.446	0.457	0.469	0.480	0.491	0.502	0.513	0.524	0.536	0.547	0.4
0.5	0.558	0.569	0.580	0.591	0.602	0.614	0.625	0.636	0.647	0.658	0.5
0.6	0.669	0.681	0.692	0.703	0.714	0.725	0.736	0.748	0.759	0.770	0.6
0.7	0.781	0.792	0.803	0.814	0.826	0.837	0.848	0.859	0.870	0.881	0.7
0.8	0.893	0.904	0.915	0.926	0.937	0.948	0.960	0.971	0.982	0.993	0.8
0.9	1.004	1.015	1.026	1.038	1.049	1.060	1.071	1.082	1.093	1.105	0.9
1.0	1.116	1.127	1.138	1.149	1.160	1.171	1.183	1.194	1.205	1.216	**1.0**
1.1	1.227	1.238	1.250	1.261	1.272	1.283	1.294	1.305	1.317	1.328	1.1
1.2	1.339	1.350	1.361	1.372	1.383	1.395	1.406	1.417	1.428	1.439	1.2
1.3	1.450	1.462	1.473	1.484	1.495	1.506	1.517	1.529	1.540	1.551	1.3
1.4	1.562	1.573	1.584	1.595	1.607	1.618	1.629	1.640	1.651	1.662	1.4
1.5	1.674	1.685	1.696	1.707	1.718	1.729	1.740	1.752	1.763	1.774	1.5
1.6	1.785	1.796	1.807	1.819	1.830	1.841	1.852	1.863	1.874	1.886	1.6
1.7	1.897	1.908	1.919	1.930	1.941	1.952	1.964	1.975	1.986	1.997	1.7
1.8	2.008	2.019	2.031	2.042	2.053	2.064	2.075	2.086	2.098	2.109	1.8
1.9	2.120	2.131	2.142	2.153	2.164	2.176	2.187	2.198	2.209	2.220	1.9
2.0	2.231	2.243	2.254	2.265	2.276	2.287	2.298	2.309	2.321	2.332	**2.0**
2.1	2.343	2.354	2.365	2.376	2.388	2.399	2.410	2.421	2.432	2.443	2.1
2.2	2.455	2.466	2.477	2.488	2.499	2.510	2.521	2.533	2.544	2.555	2.2
2.3	2.566	2.577	2.588	2.600	2.611	2.622	2.633	2.644	2.655	2.667	2.3
2.4	2.678	2.689	2.700	2.711	2.722	2.733	2.745	2.756	2.767	2.778	2.4
2.5	2.789	2.800	2.812	2.823	2.834	2.845	2.856	2.867	2.879	2.890	2.5
2.6	2.901	2.912	2.923	2.934	2.945	2.957	2.968	2.979	2.990	3.001	2.6
2.7	3.012	3.024	3.035	3.046	3.057	3.068	3.079	3.090	3.102	3.113	2.7
2.8	3.124	3.135	3.146	3.157	3.169	3.180	3.191	3.202	3.213	3.224	2.8
2.9	3.236	3.247	3.258	3.269	3.280	3.291	3.302	3.314	3.325	3.336	2.9
3.0	3.347	3.358	3.369	3.381	3.392	3.403	3.414	3.425	3.436	3.448	**3.0**
3.1	3.459	3.470	3.481	3.492	3.503	3.514	3.526	3.537	3.548	3.559	3.1
3.2	3.570	3.581	3.593	3.604	3.615	3.626	3.637	3.648	3.659	3.671	3.2
3.3	3.682	3.693	3.704	3.715	3.726	3.738	3.749	3.760	3.771	3.782	3.3
3.4	3.793	3.805	3.816	3.827	3.838	3.849	3.860	3.871	3.883	3.894	3.4
3.5	3.905	3.916	3.927	3.938	3.950	3.961	3.972	3.983	3.994	4.005	3.5
3.6	4.017	4.028	4.039	4.050	4.061	4.072	4.083	4.095	4.106	4.117	3.6
3.7	4.128	4.139	4.150	4.162	4.173	4.184	4.195	4.206	4.217	4.229	3.7
3.8	4.240	4.251	4.262	4.273	4.284	4.295	4.307	4.318	4.329	4.340	3.8
3.9	4.351	4.362	4.374	4.385	4.396	4.407	4.418	4.429	4.440	4.452	3.9
4.0	4.463	4.474	4.485	4.496	4.507	4.519	4.530	4.541	4.552	4.563	**4.0**
4.1	4.574	4.586	4.597	4.608	4.619	4.630	4.641	4.652	4.664	4.675	4.1
4.2	4.686	4.697	4.708	4.719	4.731	4.742	4.753	4.764	4.775	4.786	4.2
4.3	4.798	4.809	4.820	4.831	4.842	4.853	4.864	4.876	4.887	4.898	4.3
4.4	4.909	4.920	4.931	4.943	4.954	4.965	4.976	4.987	4.998	5.009	4.4
4.5	5.021	5.032	5.043	5.054	5.065	5.076	5.088	5.099	5.110	5.121	4.5
4.6	5.132	5.143	5.155	5.166	5.177	5.188	5.199	5.210	5.221	5.233	4.6
4.7	5.244	5.255	5.266	5.277	5.288	5.300	5.311	5.322	5.333	5.344	4.7
4.8	5.355	5.367	5.378	5.389	5.400	5.411	5.422	5.433	5.445	5.456	4.8
4.9	5.467	5.478	5.489	5.500	5.512	5.523	5.534	5.545	5.556	5.567	4.9

Table for converting discharge in second-feet per square mile into run-off in depth in inches per month of thirty days.

No.	0	1	2	3	4	5	6	7	8	9	No.
5.0	5.579	5.590	5.601	5.612	5.623	5.634	5.645	5.657	5.668	5.679	**5.0**
5.1	5.690	5.701	5.712	5.724	5.735	5.746	5.757	5.768	5.779	5.790	5.1
5.2	5.802	5.813	5.824	5.835	5.846	5.857	5.869	5.880	5.891	5.902	5.2
5.3	5.913	5.924	5.936	5.947	5.958	5.969	5.980	5.991	6.002	6.014	5.3
5.4	6.025	6.036	6.047	6.058	6.069	6.081	6.092	6.103	6.114	6.125	5.4
5.5	6.136	6.148	6.159	6.170	6.181	6.192	6.203	6.214	6.226	6.237	5.5
5.6	6.248	6.259	6.270	6.281	6.293	6.304	6.315	6.326	6.337	6.348	5.6
5.7	6.359	6.371	6.382	6.393	6.404	6.415	6.426	6.438	6.449	6.460	5.7
5.8	6.471	6.482	6.493	6.505	6.516	6.527	6.538	6.549	6.560	6.571	5.8
5.9	6.583	6.594	6.605	6.616	6.627	6.638	6.650	6.661	6.672	6.683	5.9
6.0	6.694	6.705	6.717	6.728	6.739	6.750	6.761	6.772	6.783	6.795	**6.0**
6.1	6.806	6.817	6.828	6.839	6.850	6.862	6.873	6.884	6.895	6.906	6.1
6.2	6.917	6.928	6.940	6.951	6.962	6.973	6.984	6.995	7.007	7.018	6.2
6.3	7.029	7.040	7.051	7.062	7.074	7.085	7.096	7.107	7.118	7.129	6.3
6.4	7.140	7.152	7.163	7.174	7.185	7.196	7.207	7.219	7.230	7.241	6.4
6.5	7.252	7.263	7.274	7.286	7.297	7.308	7.319	7.330	7.341	7.352	6.5
6.6	7.364	7.375	7.386	7.397	7.408	7.419	7.431	7.442	7.453	7.464	6.6
6.7	7.475	7.486	7.498	7.509	7.520	7.531	7.542	7.553	7.564	7.576	6.7
6.8	7.587	7.598	7.609	7.620	7.631	7.643	7.654	7.665	7.676	7.687	6.8
6.9	7.698	7.709	7.721	7.732	7.743	7.754	7.765	7.776	7.788	7.799	6.9
7.0	7.810	7.821	7.832	7.843	7.855	7.866	7.877	7.888	7.899	7.910	**7.0**
7.1	7.921	7.933	7.944	7.955	7.966	7.977	7.988	8.000	8.011	8.022	7.1
7.2	8.033	8.044	8.055	8.067	8.078	8.089	8.100	8.111	8.122	8.133	7.2
7.3	8.145	8.156	8.167	8.178	8.189	8.200	8.212	8.223	8.234	8.245	7.3
7.4	8.256	8.267	8.278	8.290	8.301	8.312	8.323	8.334	8.345	8.357	7.4
7.5	8.368	8.379	8.390	8.401	8.412	8.424	8.435	8.446	8.457	8.468	7.5
7.6	8.479	8.490	8.502	8.513	8.524	8.535	8.546	8.557	8.569	8.580	7.6
7.7	8.591	8.602	8.613	8.624	8.636	8.647	8.658	8.669	8.680	8.691	7.7
7.8	8.702	8.714	8.725	8.736	8.747	8.758	8.769	8.781	8.792	8.803	7.8
7.9	8.814	8.825	8.836	8.848	8.859	8.870	8.881	8.892	8.903	8.914	7.9
8.0	8.926	8.937	8.948	8.959	8.970	8.981	8.993	9.004	9.015	9.026	**8.0**
8.1	9.037	9.048	9.059	9.071	9.082	9.093	9.104	9.115	9.126	9.138	8.1
8.2	9.149	9.160	9.171	9.182	9.193	9.205	9.216	9.227	9.238	9.249	8.2
8.3	9.260	9.271	9.283	9.294	9.305	9.316	9.327	9.338	9.350	9.361	8.3
8.4	9.372	9.383	9.394	9.405	9.417	9.428	9.439	9.450	9.461	9.472	8.4
8.5	9.483	9.495	9.506	9.517	9.528	9.539	9.550	9.562	9.573	9.584	8.5
8.6	9.595	9.606	9.617	9.628	9.640	9.651	9.662	9.673	9.684	9.695	8.6
8.7	9.707	9.718	9.729	9.740	9.751	9.762	9.774	9.785	9.796	9.807	8.7
8.8	9.818	9.829	9.840	9.852	9.863	9.874	9.885	9.896	9.907	9.919	8.8
8.9	9.930	9.941	9.952	9.963	9.974	9.986	9.997	10.008	10.019	10.030	8.9
9.0	10.041	10.052	10.064	10.075	10.086	10.097	10.108	10.119	10.131	10.142	**9.0**
9.1	10.153	10.164	10.175	10.186	10.197	10.209	10.220	10.231	10.242	10.253	9.1
9.2	10.264	10.276	10.287	10.298	10.309	10.320	10.331	10.343	10.354	10.365	9.2
9.3	10.376	10.387	10.398	10.409	10.421	10.432	10.443	10.454	10.465	10.476	9.3
9.4	10.488	10.499	10.510	10.521	10.532	10.543	10.555	10.566	10.577	10.588	9.4
9.5	10.599	10.610	10.621	10.633	10.644	10.655	10.666	10.677	10.688	10.700	9.5
9.6	10.711	10.722	10.733	10.744	10.755	10.767	10.778	10.789	10.800	10.811	9.6
9.7	10.822	10.833	10.845	10.856	10.867	10.878	10.889	10.900	10.912	10.923	9.7
9.8	10.934	10.945	10.956	10.967	10.978	10.990	11.001	11.012	11.023	11.034	9.8
9.9	11.045	11.057	11.068	11.079	11.090	11.101	11.112	11.124	11.135	11.146	9.9

Table for converting discharge in second-feet per square mile into run-off in depth in inches per month of thirty-one days.

No.	0	1	2	3	4	5	6	7	8	9	No.
0.0	0.000	0.012	0.023	0.035	0.046	0.058	0.069	0.081	0.092	0.104	**0.0**
0.1	0.115	0.127	0.138	0.150	0.161	0.173	0.184	0.196	0.208	0.219	0.1
0.2	0.231	0.242	0.254	0.265	0.277	0.288	0.300	0.311	0.323	0.334	0.2
0.3	0.346	0.357	0.369	0.380	0.392	0.404	0.415	0.427	0.438	0.450	0.3
0.4	0.461	0.473	0.484	0.496	0.507	0.519	0.530	0.542	0.553	0.565	0.4
0.5	0.576	0.588	0.600	0.611	0.623	0.634	0.646	0.657	0.669	0.680	0.5
0.6	0.692	0.703	0.715	0.726	0.738	0.749	0.761	0.772	0.784	0.795	0.6
0.7	0.807	0.819	0.830	0.842	0.853	0.865	0.876	0.888	0.899	0.911	0.7
0.8	0.922	0.934	0.945	0.957	0.968	0.980	0.991	1.003	1.015	1.026	0.8
0.9	1.038	1.049	1.061	1.072	1.084	1.095	1.107	1.118	1.130	1.141	0.9
1.0	1.153	1.164	1.176	1.187	1.199	1.211	1.222	1.234	1.245	1.257	**1.0**
1.1	1.268	1.280	1.291	1.303	1.314	1.326	1.337	1.349	1.360	1.372	1.1
1.2	1.383	1.395	1.407	1.418	1.430	1.441	1.453	1.464	1.476	1.487	1.2
1.3	1.499	1.510	1.522	1.533	1.545	1.556	1.568	1.579	1.591	1.603	1.3
1.4	1.614	1.626	1.637	1.649	1.660	1.672	1.683	1.695	1.706	1.718	1.4
1.5	1.729	1.741	1.752	1.764	1.775	1.787	1.799	1.810	1.822	1.833	1.5
1.6	1.845	1.856	1.868	1.879	1.891	1.902	1.914	1.925	1.937	1.948	1.6
1.7	1.960	1.971	1.983	1.994	2.006	2.018	2.029	2.041	2.052	2.064	1.7
1.8	2.075	2.087	2.098	2.110	2.121	2.133	2.144	2.156	2.167	2.179	1.8
1.9	2.190	2.202	2.214	2.225	2.237	2.248	2.260	2.271	2.283	2.294	1.9
2.0	2.306	2.317	2.329	2.340	2.352	2.363	2.375	2.386	2.398	2.410	**2.0**
2.1	2.421	2.433	2.444	2.456	2.467	2.479	2.490	2.502	2.513	2.525	2.1
2.2	2.536	2.548	2.559	2.571	2.582	2.594	2.606	2.617	2.629	2.640	2.2
2.3	2.652	2.663	2.675	2.686	2.698	2.709	2.721	2.732	2.744	2.755	2.3
2.4	2.767	2.778	2.790	2.802	2.813	2.825	2.836	2.848	2.859	2.871	2.4
2.5	2.882	2.894	2.905	2.917	2.928	2.940	2.951	2.963	2.974	2.986	2.5
2.6	2.998	3.009	3.021	3.032	3.044	3.055	3.067	3.078	3.090	3.101	2.6
2.7	3.113	3.124	3.136	3.147	3.159	3.170	3.182	3.194	3.205	3.217	2.7
2.8	3.228	3.240	3.251	3.263	3.274	3.286	3.297	3.309	3.320	3.332	2.8
2.9	3.343	3.355	3.366	3.378	3.389	3.401	3.413	3.424	3.436	3.447	2.9
3.0	3.459	3.470	3.482	3.493	3.505	3.516	3.528	3.539	3.551	3.562	**3.0**
3.1	3.574	3.585	3.597	3.609	3.620	3.632	3.643	3.655	3.666	3.678	3.1
3.2	3.689	3.701	3.712	3.724	3.735	3.747	3.758	3.770	3.781	3.793	3.2
3.3	3.805	3.816	3.828	3.839	3.851	3.862	3.874	3.885	3.897	3.908	3.3
3.4	3.920	3.931	3.943	3.954	3.966	3.977	3.989	4.001	4.012	4.024	3.4
3.5	4.035	4.047	4.058	4.070	4.081	4.093	4.104	4.116	4.127	4.139	3.5
3.6	4.150	4.162	4.173	4.185	4.197	4.208	4.220	4.231	4.243	4.254	3.6
3.7	4.266	4.277	4.289	4.300	4.312	4.323	4.335	4.346	4.358	4.369	3.7
3.8	4.381	4.393	4.404	4.416	4.427	4.439	4.450	4.462	4.473	4.485	3.8
3.9	4.496	4.508	4.519	4.531	4.542	4.554	4.565	4.577	4.589	4.600	3.9
4.0	4.612	4.623	4.635	4.646	4.658	4.669	4.681	4.692	4.704	4.715	**4.0**
4.1	4.727	4.738	4.750	4.761	4.773	4.784	4.796	4.808	4.819	4.831	4.1
4.2	4.842	4.854	4.865	4.877	4.888	4.900	4.911	4.923	4.934	4.946	4.2
4.3	4.957	4.969	4.980	4.992	5.004	5.015	5.027	5.038	5.050	5.061	4.3
4.4	5.073	5.084	5.096	5.107	5.119	5.130	5.142	5.153	5.165	5.176	4.4
4.5	5.188	5.200	5.211	5.223	5.234	5.246	5.257	5.269	5.280	5.292	4.5
4.6	5.303	5.315	5.326	5.338	5.349	5.361	5.372	5.384	5.396	5.407	4.6
4.7	5.419	5.430	5.442	5.453	5.465	5.476	5.488	5.499	5.511	5.522	4.7
4.8	5.534	5.545	5.557	5.568	5.580	5.592	5.603	5.615	5.626	5.638	4.8
4.9	5.649	5.661	5.672	5.684	5.695	5.707	5.718	5.730	5.741	5.753	4.9

Table for converting discharge in second-feet per square mile into run-off in depth in inches per month of thirty-one days.

No.	0	1	2	3	4	5	6	7	8	9	No.
5.0	5.764	5.776	5.788	5.799	5.811	5.822	5.834	5.845	5.857	5.868	**5.0**
5.1	5.880	5.891	5.903	5.914	5.926	5.937	5.949	5.960	5.972	5.983	5.1
5.2	5.995	6.007	6.018	6.030	6.041	6.053	6.064	6.076	6.087	6.099	5.2
5.3	6.110	6.122	6.133	6.145	6.156	6.168	6.179	6.191	6.203	6.214	5.3
5.4	6.226	6.237	6.249	6.260	6.272	6.283	6.295	6.306	6.318	6.329	5.4
5.5	6.341	6.352	6.364	6.375	6.387	6.399	6.410	6.422	6.433	6.445	5.5
5.6	6.456	6.468	6.479	6.491	6.502	6.514	6.525	6.537	6.548	6.560	5.6
5.7	6.571	6.583	6.595	6.606	6.618	6.629	6.641	6.652	6.664	6.675	5.7
5.8	6.687	6.698	6.710	6.721	6.733	6.744	6.756	6.767	6.779	6.791	5.8
5.9	6.802	6.814	6.825	6.837	6.848	6.860	6.871	6.883	6.894	6.906	5.9
6.0	6.917	6.929	6.940	6.952	6.963	6.975	6.987	6.998	7.010	7.021	**6.0**
6.1	7.033	7.044	7.056	7.067	7.079	7.090	7.102	7.113	7.125	7.136	6.1
6.2	7.148	7.159	7.171	7.183	7.194	7.206	7.217	7.229	7.240	7.252	6.2
6.3	7.263	7.275	7.286	7.298	7.309	7.321	7.332	7.344	7.355	7.367	6.3
6.4	7.378	7.390	7.402	7.413	7.425	7.436	7.448	7.459	7.471	7.482	6.4
6.5	7.494	7.505	7.517	7.528	7.540	7.551	7.563	7.574	7.586	7.598	6.5
6.6	7.609	7.621	7.632	7.644	7.655	7.667	7.678	7.690	7.701	7.713	6.6
6.7	7.724	7.736	7.747	7.759	7.770	7.782	7.794	7.805	7.817	7.828	6.7
6.8	7.840	7.851	7.863	7.874	7.886	7.897	7.909	7.920	7.932	7.943	6.8
6.9	7.955	7.966	7.978	7.990	8.001	8.013	8.024	8.036	8.047	8.059	6.9
7.0	8.070	8.082	8.093	8.105	8.116	8.128	8.139	8.151	8.162	8.174	**7.0**
7.1	8.186	8.197	8.209	8.220	8.232	8.243	8.255	8.266	8.278	8.289	7.1
7.2	8.301	8.312	8.324	8.335	8.347	8.358	8.370	8.382	8.393	8.405	7.2
7.3	8.416	8.428	8.439	8.451	8.462	8.474	8.485	8.497	8.508	8.520	7.3
7.4	8.531	8.543	8.554	8.566	8.578	8.589	8.601	8.612	8.624	8.635	7.4
7.5	8.647	8.658	8.670	8.681	8.693	8.704	8.716	8.727	8.739	8.750	7.5
7.6	8.762	8.773	8.785	8.797	8.808	8.820	8.831	8.843	8.854	8.866	7.6
7.7	8.877	8.889	8.900	8.912	8.923	8.935	8.946	8.958	8.969	8.981	7.7
7.8	8.993	9.004	9.016	9.027	9.039	9.050	9.062	9.073	9.085	9.096	7.8
7.9	9.108	9.119	9.131	9.142	9.154	9.165	9.177	9.189	9.200	9.212	7.9
8.0	9.223	9.235	9.246	9.258	9.269	9.281	9.292	9.304	9.315	9.327	**8.0**
8.1	9.338	9.350	9.361	9.373	9.385	9.396	9.408	9.419	9.431	9.442	8.1
8.2	9.454	9.465	9.477	9.488	9.500	9.511	9.523	9.534	9.546	9.557	8.2
8.3	9.569	9.581	9.592	9.604	9.615	9.627	9.638	9.650	9.661	9.673	8.3
8.4	9.684	9.696	9.707	9.719	9.730	9.742	9.753	9.765	9.777	9.788	8.4
8.5	9.800	9.811	9.823	9.834	9.846	9.857	9.869	9.880	9.892	9.903	8.5
8.6	9.915	9.926	9.938	9.949	9.961	9.972	9.984	9.996	10.007	10.019	8.6
8.7	10.030	10.042	10.053	10.065	10.076	10.088	10.099	10.111	10.122	10.134	8.7
8.8	10.145	10.157	10.168	10.180	10.192	10.203	10.215	10.226	10.238	10.249	8.8
8.9	10.261	10.272	10.284	10.295	10.307	10.318	10.330	10.341	10.353	10.364	8.9
9.0	10.376	10.388	10.399	10.411	10.422	10.434	10.445	10.457	10.468	10.480	**9.0**
9.1	10.491	10.503	10.514	10.526	10.537	10.549	10.560	10.572	10.584	10.595	9.1
9.2	10.607	10.618	10.630	10.641	10.653	10.664	10.676	10.687	10.699	10.710	9.2
9.3	10.722	10.733	10.745	10.756	10.768	10.780	10.791	10.803	10.814	10.826	9.3
9.4	10.837	10.849	10.860	10.872	10.883	10.895	10.906	10.918	10.929	10.941	9.4
9.5	10.952	10.964	10.976	10.987	10.999	11.010	11.022	11.033	11.045	11.056	9.5
9.6	11.068	11.079	11.091	11.102	11.114	11.125	11.137	11.148	11.160	11.172	9.6
9.7	11.183	11.195	11.206	11.218	11.229	11.241	11.252	11.264	11.275	11.287	9.7
9.8	11.298	11.310	11.321	11.333	11.344	11.356	11.367	11.379	11.391	11.402	9.8
9.9	11.414	11.425	11.437	11.448	11.460	11.471	11.483	11.494	11.506	11.517	9.9

Table for converting discharge in second-feet into run-off in acre-feet per month of twenty-eight days.

No.	0	1	2	3	4	5	6	7	8	9
0	0.000	56	111	167	222	278	333	389	444	500
1	555.372	611	666	722	778	833	889	944	1,000	1,055
2	1,110.744	1,166	1,222	1,277	1,333	1,388	1,444	1,500	1,555	1,611
3	1,666.116	1,722	1,777	1,833	1,888	1,944	1,999	2,055	2,110	2,166
4	2,221.488	2,277	2,333	2,388	2,444	2,499	2,555	2,610	2,666	2,721
5	2,776.859	2,832	2,888	2,943	2,999	3,055	3,110	3,166	3,221	3,277
6	3,332.231	3,388	3,443	3,499	3,554	3,610	3,665	3,721	3,777	3,832
7	3,887.603	3,943	3,999	4,054	4,110	4,165	4,221	4,276	4,332	4,387
8	4,442.975	4,499	4,554	4,610	4,665	4,721	4,776	4,832	4,887	4,943
9	4,998.347	5,054	5,109	5,165	5,220	5,276	5,332	5,387	5,443	5,498
10	5,553.719	5,609	5,665	5,720	5,776	5,831	5,887	5,942	5,998	6,054
11	6,109.091	6,165	6,220	6,276	6,331	6,387	6,442	6,498	6,553	6,609
12	6,664.463	6,720	6,776	6,831	6,887	6,942	6,998	7,053	7,109	7,164
13	7,219.834	7,275	7,331	7,386	7,442	7,498	7,553	7,609	7,664	7,720
14	7,775.206	7,831	7,886	7,942	7,997	8,053	8,108	8,164	8,220	8,275
15	8,330.578	8,386	8,442	8,497	8,553	8,608	8,664	8,719	8,775	8,830
16	8,885.950	8,941	8,997	9,053	9,108	9,164	9,219	9,275	9,330	9,386
17	9,441.322	9,497	9,552	9,608	9,663	9,719	9,775	9,830	9,886	9,941
18	9,996.694	10,052	10,108	10,163	10,219	10,274	10,330	10,385	10,441	10,497
19	10,552.066	10,608	10,663	10,719	10,774	10,830	10,885	10,941	10,996	11,052
20	11,107.438	11,163	11,219	11,274	11,330	11,385	11,441	11,496	11,552	11,607
21	11,662.809	11,718	11,774	11,829	11,885	11,940	11,996	12,052	12,107	12,163
22	12,218.181	12,274	12,329	12,385	12,440	12,496	12,551	12,607	12,662	12,718
23	12,773.553	12,829	12,885	12,940	12,996	13,051	13,107	13,162	13,218	13,273
24	13,328.925	13,384	13,440	13,496	13,551	13,607	13,662	13,718	13,773	13,829
25	13,884.297	13,940	13,995	14,051	14,106	14,162	14,218	14,273	14,329	14,384
26	14,439.669	14,495	14,551	14,606	14,662	14,717	14,773	14,828	14,884	14,940
27	14,995.041	15,051	15,106	15,162	15,217	15,273	15,328	15,384	15,439	15,495
28	15,550.413	15,606	15,661	15,717	15,773	15,828	15,884	15,939	15,995	16,050
29	16,105.785	16,161	16,217	16,272	16,328	16,383	16,439	16,495	16,550	16,606
30	16,661.156	16,717	16,772	16,828	16,883	16,939	16,994	17,050	17,105	17,161
31	17,216.528	17,272	17,328	17,383	17,439	17,494	17,550	17,605	17,661	17,716
32	17,771.900	17,827	17,883	17,939	17,994	18,050	18,105	18,161	18,216	18,272
33	18,327.272	18,383	18,438	18,494	18,549	18,605	18,660	18,716	18,772	18,827
34	18,882.644	18,938	18,994	19,049	19,105	19,160	19,216	19,271	19,327	19,382
35	19,438.016	19,494	19,549	19,605	19,660	19,716	19,771	19,827	19,882	19,938
36	19,993.388	20,049	20,104	20,160	20,216	20,271	20,327	20,382	20,438	20,493
37	20,548.760	20,604	20,660	20,715	20,771	20,826	20,882	20,938	20,993	21,049
38	21,104.131	21,160	21,215	21,271	21,326	21,382	21,437	21,493	21,548	21,604
39	21,659.503	21,715	21,771	21,826	21,882	21,937	21,993	22,048	22,104	22,159
40	22,214.875	22,270	22,326	22,381	22,437	22,493	22,548	22,604	22,659	22,715
41	22,770.247	22,826	22,881	22,937	22,992	23,048	23,103	23,159	23,215	23,270
42	23,325.619	23,381	23,437	23,492	23,548	23,603	23,659	23,714	23,770	23,825
43	23,880.991	23,937	23,992	24,048	24,103	24,159	24,214	24,270	24,325	24,381
44	24,436.363	24,492	24,547	24,603	24,659	24,714	24,770	24,825	24,881	24,936
45	24,991.735	25,047	25,103	25,158	25,214	25,269	25,325	25,380	25,436	25,492
46	25,547.106	25,603	25,658	25,714	25,769	25,825	25,880	25,936	25,991	26,047
47	26,102.478	26,158	26,214	26,269	26,325	26,380	26,436	26,491	26,547	26,602
48	26,657.850	26,713	26,769	26,824	26,880	26,936	26,991	27,047	27,102	27,158
49	27,213.222	27,269	27,324	27,380	27,435	27,491	27,546	27,602	27,658	27,713

Table for converting discharge in second-feet into run-off in acre-feet per month of twenty-eight days.

No.	0	1	2	3	4	5	6	7	8	9
50	27,768.594	27,824	27,880	27,935	27,991	28,046	28,102	28,157	28,213	28,268
51	28,323.966	28,380	28,435	28,491	28,546	28,602	28,657	28,713	28,768	28,824
52	28,879.338	28,935	28,990	29,046	29,101	29,157	29,213	29,268	29,324	29,379
53	29,434.710	29,490	29,546	29,601	29,657	29,712	29,768	29,823	29,879	29,935
54	29,990.082	30,046	30,101	30,157	30,212	30,268	30,323	30,379	30,434	30,490
55	30,545.453	30,601	30,657	30,712	30,768	30,823	30,879	30,934	30,990	31,045
56	31,100.825	31,156	31,212	31,267	31,323	31,379	31,434	31,490	31,545	31,601
57	31,656.197	31,712	31,767	31,823	31,878	31,934	31,989	32,045	32,100	32,156
58	32,211.569	32,267	32,323	32,378	32,434	32,489	32,545	32,600	32,656	32,711
59	32,766.941	32,822	32,878	32,934	32,989	33,045	33,100	33,156	33,211	33,267
60	33,322.313	33,378	33,433	33,489	33,544	33,600	33,656	33,711	33,767	33,822
61	33,877.685	33,933	33,989	34,044	34,100	34,155	34,211	34,266	34,322	34,378
62	34,433.057	34,489	34,544	34,600	34,655	34,711	34,766	34,822	34,877	34,933
63	34,988.428	35,044	35,100	35,155	35,211	35,266	35,322	35,377	35,433	35,488
64	35,543.800	35,599	35,655	35,710	35,766	35,821	35,877	35,933	35,988	36,044
65	36,099.172	36,155	36,210	36,266	36,321	36,377	36,432	36,488	36,543	36,599
66	36,654.544	36,710	36,766	36,821	36,877	36,932	36,988	37,043	37,099	37,154
67	37,209.916	37,265	37,321	37,377	37,432	37,488	37,543	37,599	37,654	37,710
68	37,765.288	37,821	37,876	37,932	37,987	38,043	38,099	38,154	38,210	38,265
69	38,320.660	38,376	38,432	38,487	38,543	38,598	38,654	38,709	38,765	38,820
70	38,876.032	38,932	38,987	39,043	39,098	39,154	39,209	39,265	39,320	39,376
71	39,431.403	39,487	39,542	39,598	39,654	39,709	39,765	39,820	39,876	39,931
72	39,986.775	40,042	40,098	40,153	40,209	40,264	40,320	40,376	40,431	40,487
73	40,542.147	40,598	40,653	40,709	40,764	40,820	40,875	40,931	40,986	41,042
74	41,097.519	41,153	41,209	41,264	41,320	41,375	41,431	41,486	41,542	41,597
75	41,652.891	41,708	41,764	41,820	41,875	41,931	41,986	42,042	42,097	42,153
76	42,208.263	42,264	42,319	42,375	42,430	42,486	42,541	42,597	42,653	42,708
77	42,763.635	42,819	42,875	42,930	42,986	43,041	43,097	43,152	43,208	43,263
78	43,319.007	43,375	43,430	43,486	43,541	43,597	43,652	43,708	43,763	43,819
79	43,874.379	43,930	43,985	44,041	44,097	44,152	44,208	44,263	44,319	44,374
80	44,429.750	44,485	44,541	44,596	44,652	44,707	44,763	44,819	44,874	44,930
81	44,985.122	45,041	45,096	45,152	45,207	45,263	45,318	45,374	45,429	45,485
82	45,540.494	45,596	45,652	45,707	45,763	45,818	45,874	45,929	45,985	46,040
83	46,095.866	46,151	46,207	46,262	46,318	46,374	46,429	46,485	46,540	46,596
84	46,651.238	46,707	46,762	46,818	46,873	46,929	46,984	47,040	47,096	47,151
85	47,206.610	47,262	47,318	47,373	47,429	47,484	47,540	47,595	47,651	47,706
86	47,761.982	47,818	47,873	47,929	47,984	48,040	48,095	48,151	48,206	48,262
87	48,317.354	48,373	48,428	48,484	48,540	48,595	48,651	48,706	48,762	48,817
88	48,872.725	48,928	48,984	49,039	49,095	49,150	49,206	49,261	49,317	49,373
89	49,428.097	49,484	49,539	49,595	49,650	49,706	49,761	49,817	49,872	49,928
90	49,983.469	50,039	50,095	50,150	50,206	50,261	50,317	50,372	50,428	50,483
91	50,538.841	50,594	50,650	50,705	50,761	50,817	50,872	50,928	50,983	51,039
92	51,094.213	51,150	51,205	51,261	51,316	51,372	51,427	51,483	51,539	51,594
93	51,649.585	51,705	51,761	51,816	51,872	51,927	51,983	52,038	52,094	52,149
94	52,204.957	52,260	52,316	52,372	52,427	52,483	52,538	52,594	52,649	52,705
95	52,760.329	52,816	52,871	52,927	52,982	53,038	53,094	53,149	53,205	53,260
96	53,315.700	53,371	53,427	53,482	53,538	53,593	53,649	53,704	53,760	53,816
97	53,871.072	53,927	53,982	54,038	54,093	54,149	54,204	54,260	54,315	54,371
98	54,426.444	54,482	54,538	54,593	54,649	54,704	54,760	54,815	54,871	54,926
99	54,981.816	55,037	55,093	55,148	55,204	55,260	55,315	55,371	55,426	55,482

Table for converting discharge in second-feet into run-off in acre-feet per month of twenty-nine days.

No.	0	1	2	3	4	5	6	7	8	9
0	0.000	58	115	173	230	288	345	403	460	518
1	575.207	633	690	748	805	863	920	978	1,035	1,093
2	1,150.413	1,208	1,265	1,323	1,380	1,438	1,496	1,553	1,611	1,668
3	1,725.620	1,783	1,841	1,898	1,956	2,013	2,071	2,128	2,186	2,243
4	2,300.826	2,358	2,416	2,473	2,531	2,588	2,646	2,703	2,761	2,819
5	2,876.033	2,934	2,991	3,049	3,106	3,164	3,221	3,279	3,336	3,394
6	3,451.240	3,509	3,566	3,624	3,681	3,739	3,796	3,854	3,911	3,969
7	4,026.446	4,084	4,141	4,199	4,257	4,314	4,372	4,429	4,487	4,544
8	4,601.653	4,659	4,717	4,774	4,832	4,889	4,947	5,004	5,062	5,119
9	5,176.859	5,234	5,292	5,349	5,407	5,464	5,522	5,580	5,637	5,695
10	5,752.066	5,810	5,867	5,925	5,982	6,040	6,097	6,155	6,212	6,270
11	6,327.272	6,385	6,442	6,500	6,557	6,615	6,672	6,730	6,787	6,845
12	6,902.479	6,960	7,018	7,075	7,133	7,190	7,248	7,305	7,363	7,420
13	7,477.686	7,535	7,593	7,650	7,708	7,765	7,823	7,880	7,938	7,995
14	8,052.892	8,110	8,168	8,225	8,283	8,340	8,398	8,456	8,513	8,571
15	8,628.099	8,686	8,743	8,801	8,858	8,916	8,973	9,031	9,088	9,146
16	9,203.305	9,261	9,318	9,376	9,433	9,491	9,548	9,606	9,663	9,721
17	9,778.512	9,836	9,894	9,951	10,009	10,066	10,124	10,181	10,239	10,296
18	10,353.719	10,411	10,469	10,526	10,584	10,641	10,699	10,756	10,814	10,871
19	10,928.925	10,986	11,044	11,101	11,159	11,217	11,274	11,332	11,389	11,447
20	11,504.132	11,562	11,619	11,677	11,734	11,792	11,849	11,907	11,964	12,022
21	12,079.338	12,137	12,194	12,252	12,309	12,367	12,424	12,482	12,540	12,597
22	12,654.545	12,712	12,770	12,827	12,885	12,942	13,000	13,057	13,115	13,172
23	13,229.752	13,287	13,345	13,402	13,460	13,517	13,575	13,632	13,690	13,747
24	13,804.958	13,862	13,920	13,978	14,035	14,093	14,150	14,208	14,265	14,323
25	14,380.165	14,438	14,495	14,553	14,610	14,668	14,725	14,783	14,840	14,898
26	14,955.371	15,013	15,070	15,128	15,185	15,243	15,300	15,358	15,416	15,473
27	15,530.578	15,588	15,646	15,703	15,761	15,818	15,876	15,933	15,991	16,048
28	16,105.785	16,163	16,221	16,278	16,336	16,393	16,451	16,508	16,566	16,623
29	16,680.991	16,739	16,796	16,854	16,911	16,969	17,026	17,084	17,141	17,199
30	17,256.198	17,314	17,371	17,429	17,486	17,544	17,601	17,659	17,716	17,774
31	17,831.404	17,889	17,946	18,004	18,061	18,119	18,177	18,234	18,292	18,349
32	18,406.611	18,464	18,522	18,579	18,637	18,694	18,752	18,809	18,867	18,924
33	18,981.817	19,039	19,097	19,154	19,212	19,269	19,327	19,384	19,442	19,500
34	19,557.024	19,615	19,672	19,730	19,787	19,845	19,902	19,960	20,017	20,075
35	20,132.231	20,190	20,247	20,305	20,362	20.420	20,477	20,535	20,592	20,650
36	20,707.437	20,765	20,822	20,880	20,938	20,995	21,053	21,110	21,168	21,225
37	21,282.644	21,340	21,398	21,455	21,513	21,570	21,628	21,685	21,743	21,800
38	21,857.850	21,915	21,973	22,030	22,088	22,145	22,203	22,260	22,318	22,376
39	22,433.057	22,491	22,548	22,606	22,663	22,721	22,778	22,836	22,893	22,951
40	23,008.264	23,066	23,123	23,181	23,238	23,296	23,353	23,411	23,468	23,526
41	23,583.470	23,641	23,699	23,756	23,814	23,871	23,929	23,986	24,044	24,101
42	24,158.677	24,216	24,274	24,331	24,389	24,446	24,504	24,561	24,619	24,676
43	24,733.883	24,791	24,849	24,906	24,964	25,021	25,079	25,137	25,194	25,252
44	25,309.090	25,367	25,424	25,482	25,539	25,597	25,654	25,712	25,769	25,827
45	25,884.297	25,942	25,999	26,057	26,114	26,172	26,229	26,287	26,344	26,402
46	26,459.503	26,517	26,575	26,632	26,690	26,747	26,805	26,862	26,920	26,977
47	27,034.710	27,092	27,150	27,207	27,265	27,322	27,380	27,437	27,495	27,552
48	27,609.916	27,667	27,725	27,782	27,840	27,898	27,955	28,013	28,070	28,128
49	28,185.123	28,243	28,300	28,358	28,415	28,473	28,530	28,588	28,645	28.703

Table for converting discharge in second-feet into run-off in acre-feet per month of twenty-nine days.

No.	0	1	2	3	4	5	6	7	8	9
50	28,760.330	28,818	28,875	28,933	28,990	29,048	29,105	29,163	29,220	29,278
51	29,335.536	29,393	29,451	29,508	29,566	29,623	29,681	29,738	29,796	29,853
52	29,910.743	29,968	30,026	30,083	30,141	30,198	30,256	30,313	30,371	30,428
53	30,485.949	30,543	30,601	30,659	30,716	30,774	30,831	30,889	30,946	31,004
54	31,061.156	31,119	31,176	31,234	31,291	31,349	31,406	31,464	31,521	31,579
55	31,636.362	31,694	31,751	31,809	31,866	31,924	31,981	32,039	32,097	32,154
56	32,211.569	32,269	32,327	32,384	32,442	32,499	32,557	32,614	32,672	32,729
57	32,786.776	32,844	32,902	32,959	33,017	33,074	33,132	33,189	33,247	33,304
58	33,361.982	33,420	33,477	33,535	33,592	33,650	33,707	33,765	33,822	33,880
59	33,937.189	33,995	34,052	34,110	34,167	34,225	34,282	34,340	34,397	34,455
60	34,512.395	34,570	34,627	34,685	34,742	34,800	34,858	34,915	34,973	35,030
61	35,087.602	35,145	35,203	35,260	35,318	35,375	35,433	35,490	35,548	35,605
62	35,662.809	35,720	35,778	35,835	35,893	35,950	36,008	36,065	36,123	36,180
63	36,238.015	36,296	36,353	36,411	36,468	36,526	36,583	36,641	36,698	36,756
64	36,813.222	36,871	36,928	36,986	37,043	37,101	37,158	37,216	37,273	37,331
65	37,388.428	37,446	37,503	37,561	37,619	37,676	37,734	37,791	37,849	37,906
66	37,963.635	38,021	38,079	38,136	38,194	38,251	38,309	38,366	38,424	38,481
67	38,538.842	38,596	38,654	38,711	38,769	38,826	38,884	38,941	38,999	39,057
68	39,114.048	39,172	39,229	39,287	39,344	39,402	39,459	39,517	39,574	39,632
69	39,689.255	39,747	39,804	39,862	39,919	39,977	40,034	40,092	40,149	40,207
70	40,264.461	40,322	40,380	40,437	40,495	40,552	40,610	40,667	40,725	40,782
71	40,839.668	40,897	40,955	41,012	41,070	41,127	41,185	41,242	41,300	41,357
72	41,414.874	41,472	41,530	41,587	41,645	41,702	41,760	41,818	41,875	41,933
73	41,990.081	42,048	42,105	42,163	42,220	42,278	42,335	42,393	42,450	42,508
74	42,565.288	42,623	42,680	42,738	42,795	42,853	42,910	42,968	43,025	43,083
75	43,140.494	43,198	43,256	43,313	43,371	43,428	43,486	43,543	43,601	43,658
76	43,715.701	43,773	43,831	43,888	43,946	44,003	44,061	44,118	44,176	44,233
77	44,290.907	44,348	44,406	44,463	44,521	44,579	44,636	44,694	44,751	44,809
78	44,866.114	44,924	44,981	45,039	45,096	45,154	45,211	45,269	45,326	45,384
79	45,441.321	45 499	45,556	45,614	45,671	45,729	45,786	45,844	45,901	45,959
80	46,016.527	46,074	46,132	46,189	46,247	46,304	46,362	46,419	46,477	46,534
81	46,591.734	46,649	46,707	46,764	46,822	46,879	46,937	46,994	47,052	47,109
82	47,166.940	47,224	47,282	47,340	47,397	47,455	47,512	47,570	47,627	47,685
83	47,742.147	47,800	47,857	47,915	47,972	48,030	48,087	48,145	48,202	48,260
84	48,317.354	48,375	48,432	48,490	48,547	48,605	48,662	48,720	48,778	48,835
85	48,892.560	48,950	49,008	49,065	49,123	49,180	49,238	49,295	49,353	49,410
86	49,467.767	49,525	49,583	49,640	49,698	49,755	49,813	49,870	49,928	49,985
87	50,042.973	50,100	50,158	50,216	50,273	50,331	50,388	50,446	50,503	50,561
88	50,618.180	50,676	50,733	50,791	50,848	50,906	50,963	51,021	51,078	51,136
89	51,193.387	51,251	51,308	51,366	51,423	51,481	51,539	51,596	51,654	51,711
90	51,768.593	51,826	51,884	51,941	51,999	52,056	52,114	52,171	52,229	52,286
91	52,343.800	52,401	52,459	52,516	52,574	52,631	52,689	52,746	52,804	52,861
92	52,919.006	52,977	53,034	53,092	53,149	53,207	53,264	53,322	53,379	53,437
93	53,494.213	53,552	53,609	53,667	53,724	53,782	53,839	53,897	53,954	54,012
94	54,069.419	54,127	54,184	54,242	54,300	54,357	54,415	54,472	54,530	54,587
95	54,644.626	54,702	54,760	54,817	54,875	54,932	54,990	55,047	55,105	55,162
96	55,219.833	55,277	55,335	55,392	55,450	55,507	55,565	55,622	55,680	55,738
97	55,795.039	55,853	55,910	55,968	56,025	56,083	56,140	56,198	56,255	56,313
98	56,370.246	56,428	56,485	56,543	56,600	56,658	56,715	56,773	56,830	56,888
99	56,945.452	57,003	57,060	57,118	57,176	57,233	57,291	57,348	57,406	57,463

Table for converting discharge in second-feet into run-off in acre-feet per month of thirty days.

No.	0	1	2	3	4	5	6	7	8	9
0	0.000	60	119	179	238	298	357	417	476	536
1	595.041	655	714	774	833	893	952	1,012	1,071	1,131
2	1,190.083	1,250	1,309	1,369	1,428	1,488	1,547	1,607	1,666	1,726
3	1,785.124	1,845	1,904	1,964	2,023	2,083	2,142	2,202	2,261	2,321
4	2,380.165	2,440	2,499	2,559	2,618	2,678	2,737	2,797	2,856	2,916
5	2,975.206	3,035	3,094	3,154	3,213	3,273	3,332	3,392	3,451	3,511
6	3,570.248	3,630	3,689	3,749	3,808	3,868	3,927	3,987	4,046	4,106
7	4,165.289	4,225	4,284	4,344	4,403	4,463	4,522	4,582	4,641	4,701
8	4,760.330	4,820	4,879	4,939	4,998	5,058	5,117	5,177	5,236	5,296
9	5,355.372	5,415	5,474	5,534	5,593	5,653	5,712	5,772	5,831	5,891
10	5,950.413	6,010	6,069	6,129	6,188	6,248	6,307	6,367	6,426	6,486
11	6,545.454	6,605	6,664	6,724	6,783	6,843	6,902	6,962	7,021	7,081
12	7,140.496	7,200	7,260	7,319	7,379	7,438	7,498	7,557	7,617	7,676
13	7,735.537	7,795	7,855	7,914	7,974	8,033	8,093	8,152	8,212	8,271
14	8,330.578	8,390	8,450	8,509	8,569	8,628	8,688	8,747	8,807	8,866
15	8,925.620	8,985	9,045	9,104	9,164	9,223	9,283	9,342	9,402	9,461
16	9,520.661	9,580	9,640	9,699	9,759	9,818	9,878	9,937	9,997	10,056
17	10,115.702	10,175	10,235	10,294	10,354	10,413	10,473	10,532	10,592	10,651
18	10,710.743	10,770	10,830	10,889	10,949	11,008	11,068	11,127	11,187	11,246
19	11,305.785	11,365	11,425	11,484	11,544	11,603	11,663	11,722	11,782	11,841
20	11,900.826	11,960	12,020	12,079	12,139	12,198	12,258	12,317	12,377	12,436
21	12,495.867	12,555	12,615	12,674	12,734	12,793	12,853	12,912	12,972	13,031
22	13,090.909	13,150	13,210	13,269	13,329	13,388	13,448	13,507	13,567	13,626
23	13,685.950	13,745	13,805	13,864	13,924	13,983	14,043	14,102	14,162	14,221
24	14,280.991	14,340	14,400	14,460	14,519	14,579	14,638	14,698	14,757	14,817
25	14,876.032	14,936	14,995	15,055	15,114	15,174	15,233	15,293	15,352	15,412
26	15,471.074	15,531	15,590	15,650	15,709	15,769	15,828	15,888	15,947	16,007
27	16,066.115	16,126	16,185	16,245	16,304	16,364	16,423	16,483	16,542	16,602
28	16,661.156	16,721	16,780	16,840	16,899	16,959	17,018	17,078	17,137	17,197
29	17,256.198	17,316	17,375	17,435	17,494	17,554	17,613	17,673	17,732	17,792
30	17,851.239	17,911	17,970	18,030	18,089	18,149	18,208	18,268	18,327	18,387
31	18,446.280	18,506	18,565	18,625	18,684	18,744	18,803	18,863	18,922	18,982
32	19,041.322	19,101	19,160	19,220	19,279	19,339	19,398	19,458	19,517	19,577
33	19,636.363	19,696	19,755	19,815	19,874	19,934	19,993	20,053	20,112	20,172
34	20,231.404	20,291	20,350	20,410	20,469	20,529	20,588	20,648	20,707	20,767
35	20,826.446	20,886	20,945	21,005	21,064	21,124	21,183	21,243	21,302	21,362
36	21,421.487	21,481	21,540	21,600	21,660	21,719	21,779	21,838	21,898	21,957
37	22,016.528	22,076	22,136	22,195	22,255	22,314	22,374	22,433	22,493	22,552
38	22,611.569	22,671	22,731	22,790	22,850	22,909	22,969	23,028	23,088	23,147
39	23,206.611	23,266	23,326	23,385	23,445	23,504	23,564	23,623	23,683	23,742
40	23,801.652	23,861	23,921	23,980	24,040	24,099	24,159	24,218	24,278	24,337
41	24,396.693	24,456	24,516	24,575	24,635	24,694	24,754	24,813	24,873	24,932
42	24,991.735	25,051	25,111	25,170	25,230	25,289	25,349	25,408	25,468	25,527
43	25,586.776	25,646	25,706	25,765	25,825	25,884	25,944	26,003	26,063	26,122
44	26,181.817	26,241	26,301	26,360	26,420	26,479	26,539	26,598	26,658	26,717
45	26,776.858	26,836	26,896	26,955	27,015	27,074	27,134	27,193	27,253	27,312
46	27,371.900	27,431	27,491	27,550	27,610	27,669	27,729	27,788	27,848	27,907
47	27,966.941	28,026	28,086	28,145	28,205	28,264	28,324	28,383	28,443	28,502
48	28,561.982	28,621	28,681	28,740	28,800	28,860	28,919	28,979	29,038	29,098
49	29,157.024	29,217	29,276	29,336	29,395	29,455	29,514	29,574	29,633	29,693

Table for converting discharge in second-feet into run-off in acre-feet per month of thirty days.

No.	0	1	2	3	4	5	6	7	8	9
50	29,752.065	29,812	29,871	29,931	29,990	30,050	30,109	30,169	30,228	30,288
51	30,347.106	30,407	30,466	30,526	30,585	30,645	30,704	30,764	30,823	30,883
52	30,942.148	31,002	31,061	31,121	31,180	31,240	31,299	31,359	31,418	31,478
53	31,537.189	31,597	31,656	31,716	31,775	31,835	31,894	31,954	32,013	32,073
54	32,132.230	32,192	32,251	32,311	32,370	32,430	32,489	32,549	32,608	32,668
55	32,727.272	32,787	32,846	32,906	32,965	33,025	33,084	33,144	33,203	33,263
56	33,322.313	33,382	33,441	33,501	33,560	33,620	33,679	33,739	33,798	33,858
57	33,917.354	33,977	34,036	34,096	34,155	34,215	34,274	34,334	34,393	34,453
58	34,512.395	34,572	34,631	34,691	34,750	34,810	34,869	34,929	34,988	35,048
59	35,107.437	35,167	35,226	35,286	35,345	35,405	35,464	35,524	35,583	35,643
60	35,702.478	35,762	35,821	35,881	35,940	36,000	36,060	36,119	36,179	36,238
61	36,297.519	36,357	36,417	36,476	36,536	36,595	36,655	36,714	36,774	36,833
62	36,892.561	36,952	37,012	37,071	37,131	37,190	37,250	37,309	37,369	37,428
63	37,487.602	37,547	37,607	37,666	37,726	37,785	37,845	37,904	37,964	38,023
64	38,082.643	38,142	38,202	38,261	38,321	38,380	38,440	38,499	38,559	38,618
65	38,677.684	38,737	38,797	38,856	38,916	38,975	39,035	39,094	39,154	39,213
66	39,272.726	39,332	39,392	39,451	39,511	39,570	39,630	39,689	39,749	39,808
67	39,867.767	39,927	39,987	40,046	40,106	40,165	40,225	40,284	40,344	40,403
68	40,462.808	40,522	40,582	40,641	40,701	40,760	40,820	40,879	40,939	40,998
69	41,057.850	41,117	41,177	41,236	41,296	41,355	41,415	41,474	41,534	41,593
70	41,652.891	41,712	41,772	41,831	41,891	41,950	42,010	42,069	42,129	42,188
71	42,247.932	42,307	42,367	42,426	42,486	42,545	42,605	42,664	42,724	42,783
72	42,842.974	42,902	42,962	43,021	43,081	43,140	43,200	43,260	43,319	43,379
73	43,438.015	43,498	43,557	43,617	43,676	43,736	43,795	43,855	43,914	43,974
74	44,033.056	44,093	44,152	44,212	44,271	44,331	44,390	44,450	44,509	44,569
75	44,628.098	44,688	44,747	44,807	44,866	44,926	44,985	45,045	45,104	45,164
76	45,223.139	45,283	45,342	45,402	45,461	45,521	45,580	45,640	45,699	45,759
77	45,818.180	45,878	45,937	45,997	46,056	46,116	46,175	46,235	46,294	46,354
78	46,413.221	46,473	46,532	46,592	46,651	46,711	46,770	46,830	46,889	46,949
79	47,008.263	47,068	47,127	47,187	47,246	47,306	47,365	47,425	47,484	47,544
80	47,603.304	47,663	47,722	47,782	47,841	47,901	47,960	48,020	48,079	48,139
81	48,198.345	48,258	48,317	48,377	48,436	48,496	48,555	48,615	48,674	48,734
82	48,793.387	48,853	48,912	48,972	49,031	49,091	49,150	49,210	49,269	49,329
83	49,388.428	49,448	49,507	49,567	49,626	49,686	49,745	49,805	49,864	49,924
84	49,983.469	50,043	50,102	50,162	50,221	50,281	50,340	50,400	50,460	50,519
85	50,578.510	50,638	50,698	50,757	50,817	50,876	50,936	50,995	51,055	51,114
86	51,173.552	51,233	51,293	51,352	51,412	51,471	51,531	51,590	51,650	51,709
87	51,768.593	51,828	51,888	51,947	52,007	52,066	52,126	52,185	52,245	52,304
88	52,363.634	52,423	52,483	52,542	52,602	52,661	52,721	52,780	52,840	52,899
89	52,958.676	53,018	53,078	53,137	53,197	53,256	53,316	53,375	53,435	53,494
90	53,553.717	53,613	53,673	53,732	53,792	53,851	53,911	53,970	54,030	54,089
91	54,148.758	54,208	54,268	54,327	54,387	54,446	54,506	54,565	54,625	54,684
92	54,743.800	54,803	54,863	54,922	54,982	55,041	55,101	55,160	55,220	55,279
93	55,338.841	55,398	55,458	55,517	55,577	55,636	55,696	55,755	55,815	55,874
94	55,933.882	55,993	56,053	56,112	56,172	56,231	56,291	56,350	56,410	56,469
95	56,528.924	56,588	56,648	56,707	56,767	56,826	56,886	56,945	57,005	57,064
96	57,123.965	57,183	57,243	57,302	57,362	57,421	57,481	57,540	57,600	57,660
97	57,719.006	57,779	57,838	57,898	57,957	58,017	58,076	58,136	58,195	58,255
98	58,314.047	58,374	58,433	58,493	58,552	58,612	58,671	58,731	58,790	58,850
99	58,909.089	58,969	59,028	59,088	59,147	59,207	59,266	59,326	59,385	59,445

Table for converting discharge in second-feet into run-off in acre-feet per month of thirty-one days.

No.	0	1	2	3	4	5	6	7	8	9
0	0.000	61	123	184	246	307	369	430	492	553
1	614.876	676	738	799	861	922	984	1,045	1,107	1,168
2	1,229.752	1,291	1,353	1,414	1,476	1,537	1,599	1,660	1,722	1,783
3	1,844.628	1,906	1,968	2,029	2,091	2,152	2,214	2,275	2,337	2,398
4	2,459.504	2,521	2,582	2,644	2,705	2,767	2,828	2,890	2,951	3,013
5	3,074.380	3,136	3,197	3,259	3,320	3,382	3,443	3,505	3,566	3,628
6	3,689.256	3,751	3,812	3,874	3,935	3,997	4,058	4,120	4,181	4,243
7	4,304.132	4,366	4,427	4,489	4,550	4,612	4,673	4,735	4,796	4,858
8	4,919.008	4,980	5,042	5,103	5,165	5,226	5,288	5,349	5,411	5,472
9	5,533.884	5,595	5,657	5,718	5,780	5,841	5,903	5,964	6,026	6,087
10	6,148.760	6,210	6,272	6,333	6,395	6,456	6,518	6,579	6,641	6,702
11	6,763.636	6,825	6,887	6,948	7,010	7,071	7,133	7,194	7,256	7,317
12	7,378.512	7,440	7,501	7,563	7,624	7,686	7,747	7,809	7,870	7,932
13	7,993.388	8,055	8,116	8,178	8,239	8,301	8,362	8,424	8,485	8,547
14	8,608.264	8,670	8,731	8,793	8,854	8,916	8,977	9,039	9,100	9,162
15	9,223.140	9,285	9,346	9,408	9,469	9,531	9,592	9,654	9,715	9,777
16	9,838.016	9,900	9,961	10,022	10,084	10,145	10,207	10,268	10,330	10,391
17	10,452.892	10,514	10,576	10,637	10,699	10,760	10,822	10,883	10,945	11,006
18	11,067.768	11,129	11,191	11,252	11,314	11,375	11,437	11,498	11,560	11,621
19	11,682.644	11,744	11,806	11,867	11,929	11,990	12,052	12,113	12,175	12,236
20	12,297.520	12,359	12,420	12,482	12,543	12,605	12,666	12,728	12,789	12,851
21	12,912.396	12,974	13,035	13,097	13,158	13,220	13,281	13,343	13,404	13,466
22	13,527.272	13,589	13,650	13,712	13,773	13,835	13,896	13,958	14,019	14,081
23	14,142.148	14,204	14,265	14,327	14,388	14,450	14,511	14,573	14,634	14,696
24	14,757.024	14,819	14,880	14,941	15,003	15,064	15,126	15,187	15,249	15,310
25	15,371.900	15,433	15,495	15,556	15,618	15,679	15,741	15,802	15,864	15,925
26	15,986.776	16,048	16,110	16,171	16,233	16,294	16,356	16,417	16,479	16,540
27	16,601.652	16,663	16,725	16,786	16,848	16,909	16,971	17,032	17,094	17,155
28	17,216.528	17,278	17,340	17,401	17,462	17,524	17,585	17,647	17,708	17,770
29	17,831.404	17,893	17,954	18,016	18,077	18,139	18,200	18,262	18,323	18,385
30	18,446.280	18,508	18,569	18,631	18,692	18,754	18,815	18,877	18,938	19,000
31	19,061.156	19,123	19,184	19,246	19,307	19,369	19,430	19,492	19,553	19,615
32	19,676.032	19,738	19,799	19,860	19,922	19,983	20,045	20,106	20,168	20,229
33	20,290.908	20,352	20,414	20,475	20,537	20,598	20,660	20,721	20,783	20,844
34	20,905.784	20,967	21,029	21,090	21,152	21,213	21,275	21,336	21,398	21,459
35	21,520.660	21,582	21,644	21,705	21,767	21,828	21,890	21,951	22,013	22,074
36	22,135.536	22,197	22,259	22,320	22,381	22,443	22,504	22,566	22,627	22,689
37	22,750.412	22,812	22,873	22,935	22,996	23,058	23,119	23,181	23,242	23,304
38	23,365.288	23,427	23,488	23,550	23,611	23,673	23,734	23,796	23,857	23,919
39	23,980.164	24,042	24,103	24,165	24,226	24,288	24,349	24,411	24,472	24,534
40	24,595.040	24,657	24,718	24,780	24,841	24,902	24,964	25,025	25,087	25,148
41	25,209.916	25,271	25,333	25,394	25,456	25,517	25,579	25,640	25,702	25,763
42	25,824.792	25,886	25,948	26,009	26,071	26,132	26,194	26,255	26,317	26,378
43	26,439.668	26,501	26,563	26,624	26,686	26,747	26,809	26,870	26,932	26,993
44	27,054.544	27,116	27,178	27,239	27,300	27,362	27,423	27,485	27,546	27,608
45	27,669.420	27,731	27,792	27,854	27,915	27,977	28,038	28,100	28,161	28,223
46	28,284.296	28,346	28,407	28,469	28,530	28,592	28,653	28,715	28,776	28,838
47	28,899.172	28,960	29,022	29,084	29,145	29,207	29,268	29,330	29,391	29,453
48	29,514.048	29,576	29,637	29,699	29,760	29,821	29,883	29,944	30,006	30,067
49	30,128.924	30,190	30,252	30,313	30,375	30,436	30,498	30,559	30,621	30,682

Table for converting discharge in second-feet into run-off in acre-feet per month of thirty-one days.

No.	0	1	2	3	4	5	6	7	8	9
50	30,743.800	30,805	30,867	30,928	30,990	31,051	31,113	31,174	31,236	31,297
51	31,358.677	31,420	31,482	31,543	31,605	31,666	31,728	31,789	31,851	31,912
52	31,973.553	32,035	32,097	32,158	32,220	32,281	32,342	32,404	32,465	32,527
53	32,588.429	32,650	32,711	32,773	32,834	32,896	32,957	33,019	33,080	33,142
54	33,203.305	33,265	33,326	33,388	33,449	33,511	33,572	33,634	33,695	33,757
55	33,818.181	33,880	33,941	34,003	34,064	34,126	34,187	34,249	34,310	34,372
56	34,433.057	34,495	34,556	34,618	34,679	34,740	34,802	34,863	34,925	34,986
57	35,047.933	35,109	35,171	35,232	35,294	35,355	35,417	35,478	35,540	35,601
58	35,662.809	35,724	35,786	35,847	35,909	35,970	36,032	36,093	36,155	36,216
59	36,277,685	36,339	36,401	36,462	36,524	36,585	36,647	36,708	36,770	36,831
60	36,892.561	36,954	37,016	37,077	37,139	37,200	37,261	37,323	37,384	37,446
61	37,507.437	37,569	37,630	37,692	37,753	37,815	37,876	37,938	37,999	38,061
62	38,122.313	38,184	38,245	38,307	38,368	38,430	38,491	38,553	38,614	38,676
63	38,737.189	38,799	38,860	38,922	38,983	39,045	39,106	39,168	39,229	39,291
64	39,352.065	39,414	39,475	39,537	39,598	39,660	39,721	39,782	39,844	39,905
65	39,966.941	40,028	40,090	40,151	40,213	40,274	40,336	40,397	40,459	40,520
66	40,581.817	40,643	40,705	40,766	40,828	40,889	40,951	41,012	41,074	41,135
67	41,196.693	41,258	41,320	41,381	41,443	41,504	41,566	41,627	41,689	41,750
68	41,811.569	41,873	41,935	41,996	42,058	42,119	42,180	42,242	42,303	42,365
69	42,426.445	42,488	42,549	42,611	42,672	42,734	42,795	42,857	42,918	42,980
70	43,041.321	43,103	43,164	43,226	43,287	43,349	43,410	43,472	43,533	43,595
71	43,656.197	43,718	43,779	43,841	43,902	43,964	44,025	44,087	44,148	44,210
72	44,271,073	44,333	44,394	44,456	44,517	44,579	44,640	44,701	44,763	44,824
73	44,885.949	44,947	45,009	45,070	45,132	45,193	45,255	45,316	45,378	45,439
74	45,500.825	45,562	45,624	45,685	45,747	45,808	45,870	45,931	45,993	46,054
75	46,115.701	46,177	46,239	46,300	46,362	46,423	46,485	46,546	46,608	46,669
76	46,730.577	46,792	46,854	46,915	46,977	47,038	47,100	47,161	47,222	47,284
77	47,345.453	47,407	47,468	47,530	47,591	47,653	47,714	47,776	47,837	47,899
78	47,960.329	48,022	48,083	48,145	48,206	48,268	48,329	48,391	48,452	48,514
79	48,575.205	48,637	48,698	48,760	48,821	48,883	48,944	49,006	49,067	49,129
80	49,190.081	49,252	49,313	49,375	49,436	49,498	49,559	49,620	49,682	49,743
81	49,804.957	49,866	49,928	49,989	50,051	50,112	50,174	50,235	50,297	50,358
82	50,419.833	50,481	50,543	50,604	50,666	50,727	50,789	50,850	50,912	50,973
83	51,034.709	51,096	51,158	51,219	51,281	51,342	51,404	51,465	51,527	51,588
84	51,649.585	51,711	51,773	51,834	51,896	51,957	52,019	52,080	52,141	52,203
85	52,264.461	52,326	52,387	52,449	52,510	52,572	52,633	52,695	52,756	52,818
86	52,879.337	52,941	53,002	53,064	53,125	53,187	53,248	53,310	53,371	53,433
87	53,494.213	53,556	53,617	53,679	53,740	53,802	53,863	53,925	53,986	54,048
88	54,109.089	54,171	54,232	54,294	54,355	54,417	54,478	54,540	54,601	54,662
89	54,723.965	54,785	54,847	54,908	54,970	55,031	55,093	55,154	55,216	55,277
90	55,338,841	55,400	55,462	55,523	55,585	55,646	55,708	55,769	55,831	55,892
91	55,953.717	56,015	56,077	56,138	56,200	56,261	56,323	56,384	56,446	56,507
92	56,568.593	56,630	56,692	56,753	56,815	56,876	56,938	56,999	57,060	57,122
93	57,183.469	57,245	57,306	57,368	57,429	57,491	57,552	57,614	57,675	57,737
94	57,798.345	57,860	57,921	57,983	58,044	58,106	58,167	58,229	58,290	58,352
95	58,413,221	58,475	58,536	58,598	58,659	58,721	58,782	58,844	58,905	58,967
96	59,028.097	59,090	59,151	59,213	59,274	59,336	59,397	59,459	59,520	59,581
97	59,642.973	59,704	59,766	59,827	59,889	59,950	60,012	60,073	60,135	60,196
98	60,257.849	60,319	60,381	60,442	60,504	60,565	60,627	60,688	60,750	60,811
99	60,872.725	60,934	60,996	61,057	61,119	61,180	61,242	61,303	61,365	61,426

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